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PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Registration No. (Attorney/Agent)

27,392

Date Oct. 8, 2001

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UTILITY PATENT APPLICATION TRANSMITTAL

Please type a plus sign (+) inside this box -

Attorney Docket No. 106290

First Inventor Mohamed S.M. Shakur

Title MULTIPLE DOWNCOMER FRACTIONAL DISTILLATION TRAY AND PROCESS

ET668928700US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Box Patent Application Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission 2. See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 3. Computer Readable Form (CRF) eferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications i. □ CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii.□ paper or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) ACCOMPANYING APPLICATION PARTS - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement Power of - Abstract of the Disclosure 10. Attorney (when there is an assignee) English Translation Document (if applicable) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets Copies of IDS Information Disclosure 5. Oath or Declaration [Total Pages 12. Citations Statement (IDS)/PTO-1449 Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed) Preliminary Amendment 13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) (if foreign priority is claimed) Signed statement attached deleting inventor(s) Form PTO-2038 Form PTO/SB/35 named in the prior application, see 37 CFR Other: 1.63(d)(2) and 1.33(b). 6. V Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment. or in an Application Data Sheet under 37 CFR 1.76: of prior application No.:___ Continuation Divisional Continuation-in-part (CIP) Group I Art Unit: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS 23490 (unsert Cristomer No. or Affech bar code label here) Customer Number or Bar Code Label Correspondence address below Name Address City State Zip Code

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

John)F(Spears, Jr.

Telephone



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824

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known		
Application Number		
Filing Date		
First Named Inventor	Mohamed S.M. Shakur	
Examiner Name		
Group Art Unit		-
Attorney Docket No.	106290	

METHOD OF PAYMENT	FEE CALCULATION (continued)		
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES		
indicated fees and credit any overpayments to: Deposit	Large Small		
Account	Entity Entity Fee Fee Fee Fee Paid		
Number	Fee Fee Fee Fee Fee Description Fee Paid Code (\$)		
Account Name	105 130 205 65 Surcharge - late filing fee or oath		
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet		
Applicant claims small entity status.	139 130 139 130 Non-English specification		
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination		
2. Payment Enclosed: Check Coredit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action		
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action		
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month		
Large Entity Small Entity	116 400 216 200 Extension for reply within second month		
Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month		
101 74 74 74 74 74 74 74	118 1,440 218 720 Extension for reply within fourth month		
101 740 201 370 Utility liling fee 740	128 1,960 228 980 Extension for reply within fifth month		
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal		
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal		
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing		
7.0	138 1,510 138 1,510 Petition to institute a public use proceeding		
subtotal (1) (\$) 740	140 110 240 55 Petition to revive - unavoidable		
2. EXTRA CLAIM FEES	141 1,280 241 640 Pelition to revive - unintentional		
Fee from Extra Claims below Fee Paid	142 1,280 242 640 Utility issue fee (or reissue)		
Total Claims20** = X 18 =	143 460 243 230 Design issue fee		
Independent	144 620 244 310 Plant issue fee		
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner		
	123 50 123 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt		
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)		
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))		
104 280 204 140 Multiple dependent claim, if not paid	149 740 249 370 For each additional invention to be		
109 84 209 42 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b))		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	179 740 279 370 Request for Continued Examination (RCE)		
	169 900 169 900 Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 84	Other fee (specify) 148 Statutory Disclaimer (\$110)		
**or number previously paid, if greater, For Reissues, see above Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			
SUBMITTED BY	Complete (if applicable)		
	Registration No. 1000		

Name (Print/Type) (John(F) Spears, Jr/ (847) 391-2037 27,392 (Attorney/Agent) October 8, 2001 Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i) First Named Inventor Mohamed S.M. Shakur

Title | MULTIPLE DOWNCOMER FRACTIONAL DISTILLATION TRAY AND PROCESS

Atty Docket Number

ET668928700US

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 8, 2001

Date

John F. Spears, Jr. Attorney/Agent for Applicant(s)

Reg. No. 27, 392

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).